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LIBRARY NEWSLETTER

U.S. DEPARTMENT OF AGRICULTURE



ALBUQUERQUE BRANCH
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ALBUQUERQUE BRANCH SERVICE 1944-45

Here are a few statistics from our annual report:

There were 816 U.S.D.A. employees in Arizona, Colorado, New Mexico and Utah who received some type of library service from this Branch during the year.

These 816 individuals borrowed 7,468 books, 22,613 periodicals and asked 2,742 questions.

ARE YOU ONE OF THE 816? If not why not write, phone or visit your library for service?

We now have 3734 volumes and 16,985 pamphlets in the library for your use, and we are receiving 255 periodicals regularly for circulation to you.

AND this is only a fraction of the material available to you. REMEMBER that the BIBLIOGRAPHY OF AGRICULTURE is your key to all of the publications received by the Department of Agriculture Library in Washington, and this material too may be borrowed upon request.

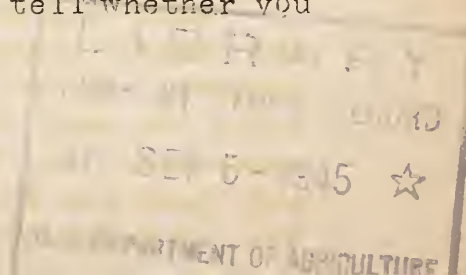
PERIODICAL CIRCULATION

The new periodical routing procedure is off to a good start. MANY THANKS for your splendid cooperation!

Here are a few reminders:

Be sure to mail the periodical to the NEXT name on the list. The names are arranged so that the periodicals pass from one office to the next nearest office. If you skip a name, time is lost in the circulation.

Be sure to indicate that you have seen the periodical, preferable by placing the date received and the date forwarded after your name. Occasionally these spaces are left blank and we cannot tell whether you have seen the periodical or not.



SELECTED BOOKS AND PAMPHLETS

AGRICULTURE

PLEASANT VALLEY, by Louis Bromfield. 302 p. Harner 1945. 31.3 B78

This is the true and thrilling story of the author's Malabar Farm, and of the work that went into the restoration of this worn Ohio land. The book contains much practical information on conservation practices, and is designed to make the reader aware of the present condition of our land, and to arouse in him the desire to do something about it.

AGRICULTURE HISTORY

TWO BILLION ACRE FARM: an informal history of American agriculture, by R. W. Howard. 209 p. Garden City, N. Y., Doubleday, 1945. 30.9 H83

This little book presents a realistic picture of our two-billion-acre farm - the U. S. A. Here is the story of maize and tobacco, of cotton and war, of wheat prairies, corn belts, and the cattle ranges of the Far West.

ARTIFICIAL INSEMINATION

THE ARTIFICIAL INSEMINATION OF FARM ANIMALS, by E. J. Perry. 265 p. New Brunswick, Rutgers univ. press, 1945. 40 P42

Seven authorities have collaborated to produce this discussion of artificial breeding. Procedures of collection and insemination as applied to all livestock are described, followed by a discussion of the application of these procedure to specific farm animals.

CONCRETE

CONCRETE HANDBOOK. 96 p. Chicago, Popular mechanics co., 1943. 299 C74

"Everything you need to know to make use of this universal building material." - Sub-title

CONSERVATION

THE CONSERVATION OF NATURAL RESOURCES by H. B. Wales and H. O. Lathrop. 554 p. Chicago, Laurel book company, 1944. 279.12 W44

It is the purpose of this book to give the reader a broad understanding of the conservation program and its application to our everyday living. The text is divided into the following units: I. Introductory preview of conservation.- II Forest conservation.- III Soil conservation and agriculture.- IV Conservation of the range.- V Water resources and their conservation.- VI Wildlife conservation.- VII Conservation of mineral resources.- Conservation of recreational, scenic and historical resources.- IX Carrying conservation into effect.

ENGINEERING REPORTS

THE PREPARATION OF ENGINEERING REPORTS by T. R. Agg. 192 p. McGraw-Hill, 1935. 238 Ag3

This book was written to give training to engineering students in the orderly presentation of subject material in the form of engineering reports. It includes suggestions on the collection of data and organizing the work preparatory to the actual writing of the report. Style, arrangement and form of reports are covered in two of the eight chapters, and there are four appendices, the last of which is a comprehensive list of references.

FOREST ENTOMOLOGY

PRINCIPLES OF FOREST ENTOMOLOGY, by S. A. Graham. 410 p. N. Y., McGraw-Hill, 1939. L27 G762 Ed.2

"In this book the subject of forest entomology is approached through consideration of general underlying principles supplemented by a study of certain insect species carefully selected to illustrate how these principles apply in individual instances... So far as possible, representatives from different parts of North America have been used." - Preface

FURNITURE

MAKE AND REMODEL HOME FURNISHINGS, by R. W. Spears. 192 p. N. Y., Barrows, 1944. 318 Sp3M

Here are helpful suggestions and clear directions for making an attractive home from things on hand plus inexpensive new materials. There is sound advice on remodeling, painting and refinishing old furniture, on decorating with stencils, on making the new sew-on chair covers. There are even directions for making chairs and tables out of lumber or packing boxes.

HAY-FEVER PLANTS

HAYFEVER PLANTS: their appearance, distribution, time of flowering, and their role in hayfever, with special reference to North America, by R. P. Wodehouse. 245 p. Waltham, Mass, Chronica botanica, 1945. L55 W81

"Here are described all of the plants known to cause hayfever, most of those reasonably suspected of doing so and many which have been mentioned in hayfever literature possibly wrongly." Chapter 4 is devoted to regional surveys.

HORSES

A HORSEMAN'S HANDBOOK ON PRACTICAL BREEDING, by J. F. Furman. 327 p. American remount assn., 1944. L2 W152H Ed.3

A practical manual containing a brief history of the horse, descriptions of both light and heavy breeds, selection, care and handling of stallions and broodmares, prevention and treatment of disease, farm management and records.

HYDRAULICS

HYDRAULICS by H. W. King, C. O. Wisler and J. G. Woodburn. 707 p. N. Y. Wiley, 1941. 290 K58H Ed.4

This is a standard text on hydraulics well known to engineering students, educators, and practitioners for the past twenty-three years. In the present edition expanded treatment has been given to the subjects of viscosity, manometers, the energy theorem, laminar flow, compound pipes, and non-uniform flow in open channels. Considerable space is devoted to the "hydraulic jump".

MECHANICS

STRENGTH OF MATERIALS, by A. P. Poorman. 311 p. McGraw-Hill, 1937. 290 P79 Ed.3

The author is Professor of applied Mechanics at Purdue University. Stresses and strains, shear and moment in beams, deflection of beams, the design of columns, torsion in shafts, fixed and continuous beams, resilience, and combined stresses are thoroughly covered. The chapter on beams of two materials includes the design of reinforced concrete. Welded joints are discussed in Chapter II. Liberal use is made of problems throughout the text.

APPLIED MECHANICS, by A. P. Poorman. 351 p. McGraw-Hill, 1940. 290 P79A Ed.4

This book develops the basic principles of applied mechanics. Part I is devoted to statics and Part II to dynamics. Numerous problems are given for each chapter. The book is not different from other texts on the subject in that it is assumed that the student has a knowledge of the principles of general physics and calculus.

METEOROLOGY

GENERAL METEOROLOGY, by H. R. Byers. 645 p. N. Y., McGraw-Hill, 1944. 740 B99G

Based on the author's "Synoptic and Aeronautical Meteorology", this text embodies the fundamentals as well as the modern developments in meteorology. It discusses such advances as isentropic analysis, new forecasting uses of upper-air charts, modification of the Norwegian concepts from upper-air evidence, behavior of the stratosphere in day-to-day weather, etc.

PLANT NUTRITION

THE DIAGNOSIS OF MINERAL DEFICIENCIES IN PLANTS BY VISUAL SYMPTOMS, by Thomas Wallace. 164 p. London, H. M. Stationery off., 1944. 463.74 W15

Contains a series of color photographs, showing the appearances characteristic of different mineral deficiencies, particularly trace elements, in a wide range of horticultural and agricultural crops.

SOIL FUNGI

A MANUAL OF SOIL FUNGI by J. C. Gilman. 392 p. Ames, Ia., Collegiate press, 1945. 462 642

The book is designed to place a tool in the hands of investigators that will enable them to identify the soil fungi which they may encounter in the course of their work. It brings together the descriptions of fungi which have been reported as isolated from the soil, together with keys to aid in identifying the fungi in hand. A pertinent literature list, glossary, and index are included.

SELECTED USDA AND STATE PUBLICATIONS

ANIMAL HUSBANDRY

- Black, W. H. and Wilson, C. V. FATTENING YEARLING CATTLE IN THE APPALACHIAN REGION 11 p USDA Tech. Bul. 889 Apr. 1945 1 Ag84Te
- Ellis, N. R. and Hodgson, R. E. FEEDING COTTONSEED PRODUCTS TO LIVESTOCK 13 p USDA Farmers' Bul. 1179 rev. May 1945 1 Ag84F
- Knox, J. H. EFFECT OF AGE ON THE WEIGHT AND PRODUCTION OF RANGE COWS 5 p N. M. Agric. Exp. Sta. Press Bul. 1004 June 28, 1945 100 N46S
- Nelson, D. H. AVOIDING BLOAT ON ALFALFA PASTURE 2 p N. M. Agr. Exp. Sta. Press Bul. 1005 June 27, 1945 100 N46S

FARMS AND FARMING

- Carter, John, Jr. FIELD CROPS EXPERIMENTS AT LAS VEGAS, NEW MEXICO 1937-1944 11 p N. M. Agr. Exp. Sta. Bul. 321 June 1945 100 N46Sb
- Evans, Morris NEW MEXICO DRY-FARMING AREAS 34 p N. M. Agr. Exp. Sta. Bul. 320 Jan. 1945 100 N46Sb
- FARMERS LOOK AT POST-WAR PROSPECTS 20 p USDA AIS-20 May 1945 1 Ag84Ai
- Genung, A. B. IF YOU'RE THINKING OF A LITTLE PLACE IN THE COUNTRY 12 p USDA AIS-14 1945 1 Ag84Ai
- LET'S TALK ABOUT WHEN JOE COMES HOME AND COMES BACK TO THE FARM folder USDA DS 24 Sep. 1944 (BAE)
- McKay, Hugh C. and Moss, W. A. STUBBLE MULCH FARMING IN SOUTHERN IDAHO 20 p Idaho Agr. Exp. Sta. Bul. 256 Sep. 1944 100 Id1b
- ROE McDANOLDS HAS A FARM 20 p USDA AIS-9 Jan. 1945 1 Ag84Ai
- WHAT PEACE CAN MEAN TO AMERICAN FARMERS: POST-WAR AGRICULTURE AND EMPLOYMENT 28 p USDA Misc. Pub. 562 May 1945 1 Ag84M

FERTILIZER

- Kellogg, Charles E. HOW MUCH FERTILIZER SHALL I USE? A GARDENER'S GUIDE FOR CONVERTING TONS OR POUNDS PER ACRE INTO PINTS, CUPS, TABLESPOONS OR TEASPOONS PER ROW TO PLANT 6 p USDA AIS-18 Apr. 1945 1 Ag84Ai
- Skinner, J. J. USE OF COMMERCIAL FERTILIZERS IN COTTON PRODUCTION 26 p USDA Circ. 726 May 1945

FOOD

- BIBLIOGRAPHY ON DEHYDRATION OF FOODS 1938-43 120 p USDA Bibliographical Bul. 6 June 1945 1 Ag84Bi
- Buster, Melvin W. and Hamann, H. G. F. UNIFORM LABELS FOR CONSUMER GRADES OF EGGS 6 p USDA Misc. Pub. 560 1945 1 Ag84M

FOOD

FOOD FOR TWO folder USDA AIS-21 June 1945 1 Ag84Ai

Gillett, Dorothy Y. HOME DRYING OF FOOD IN WARTIME 15 p N. M. Ext. Ser. Ext. Cir. 192 June 1944 275.29 N463E

HOME CANNING OF MEAT. 16 p USDA AWI-110 Feb. 1945 1 Ag84Aw

HOW TO PREPARE VEGETABLES AND FRUITS FOR FREEZING folder USDA AWI-100 rev. June 1945 1 Ag84Aw

MAKING VELVA FRUIT AT HOME folder USDA AIS-22 May 1945 1 Ag84Ai

Williams, Paul M. OUTLINE OF SUGGESTED SPECIFICATIONS FOR PURCHASING PROCESSED FRUITS AND VEGETABLES 18 p USDA Misc. Pub. 565 May 1945 1 Ag84M

FORESTRY

BETTER MANAGEMENT ON SOUTHERN COASTAL FOREST RANGES 12 p USDA AIS-17 1945 1 Ag84Ai

COMMUNITY FOREST FOR RURAL PEOPLE 8 p USDA Leaflet 244 1945 1 Ag84L

DON'T KILL THE FOREST GOOSE-FORESTS ARE WEALTH 11 p USDA AIS-13 1945 1 Ag84Ai

LET'S TALK ABOUT TIMBER SUPPLIES IS A TIMBER SHORTAGE COMING? 6 p USDA DS 26 June 1945 (BAE) A discussion guide on the question of public regulation of timber-cutting practices to make sure of permanent supplies of wood.

THE WORK OF THE U. S. FOREST SERVICE 32 p USDA Miscel. Pub. 290 Rev. Jan. 1945 1 Ag84M

MEDICAL CARE

Pennock, Jean L. and Angle, Grace M. WHAT FARM FAMILIES SPEND FOR MEDICAL CARE 18 p USDA Misc. Pub. 561 Apr. 1945 1 Ag84M

PEACE

LET'S TALK ABOUT WORLD PEACE ORGAZINATION AND WHAT IT MEANS TO FARM PEOPLE 8 p USDA DS 28 Apr. 1945 (BAE) An aid for your discussion of the United Nations idea.

SEDIMENTATION

Brown, Carl B. RATES OF SEDIMENT PRODUCTION IN SOUTHWESTERN UNITED STATES 40 p U. S. Soil Conser. Ser. TP-58 Jan. 1945 1.96 Ad6Tp

